

M9700 Rugged Tablet PC

(Intel® Atom Duo Core N2600 Based Tablet PC)

USERS MANUAL

Version: 1.2

M9700

9.7" Compact Rugged Tablet PC



IMPORTANT SAFETY INSTRUCTIONS

Please read these instructions carefully before using the product and save for later reference.

Follow all warnings and instructions marked on the product.

Unplug this product from the wall outlet before cleaning. Clean the product with a damp soft cloth. Do not use liquid or aerosol cleaners as they may cause permanent damage to the screen.

Do not use this product near water.

Do not place this product on an unstable cart, stand, or table. The product may fall, causing serious damage to the product.

This product should be operated from the type of power indicated on the marking label. If you are not sure of the type of power available, consult your dealer or local power company.

This product is equipped with a 3-wire grounding plug, which has a third (grounding) pin. This plug will only fit into a grounding-type power outlet. This is a safety feature. If you are unable to insert the plug into the outlet, contact your electrician to replace your obsolete outlet. (For AC version only.)

Do not defeat the purpose of the grounding-type plug.

Do not allow anything to rest on the power cord. Do not locate this product where persons will walk on the cord.

Never push objects of any kind into this product through cabinet slots as they may touch dangerous voltage points or short out parts that could result in a risk of fire or electric shock. Never spill liquid of any kind on the product.

Do not attempt to service this product by yourself, as opening or removing covers may expose you to dangerous voltage points or other risks and will void the warranty. Refer all servicing to qualified service personnel.

Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:

- When the power cord or plug is damaged or frayed.
- If liquid has been spilled into the product.
- If rain or water has been exposed to the product.
- If the product has been dropped or the cabinet has been damaged.
- If the product exhibited a distinct change in the performance, that indicates a need for service.

If the product does not operate normally, ensure that the operating instructions are followed. Adjust only those controls that are covered by the operating instructions since improper adjustment of other controls may result in damage and may require extensive work by a qualified technician to restore the product to normal operation.

Copyright Notice

Copyright © 2012 DAP Technologies, ALL RIGHTS RESERVED. No part of this document may be reproduced, copied, translated, or transmitted in any form or by any means, electronic or mechanical, for any purpose, without the prior written permission of the original manufacturer.

Trademark Acknowledgement

Brand and product names are trademarks or registered trademarks of their respective owners.

Disclaimer

DAP Technologies reserves the right to make any product changes without notice, including circuits and/or software described or contained in this manual in order to improve design and/or performance. DAP Technologies assumes no responsibility or liability for the use of the described product(s), conveys no license or title under any patent, copyright, or masks work rights to these products, and makes no representations or warranties that these products are free from patent, copyright, or mask work right infringement, unless otherwise specified. Applications that are described in this manual are for illustration purposes only. DAP Technologies makes no representation or warranty that such application will be suitable for the specified use without further testing or modification.

Warranty

DAP Technologies warrants that each of its products will be free from material and workmanship defects for a period of one year from the invoice date. If the customer discovers a defect, DAP Technologies will, at its option, repair or replace the defective product at no charge to the customer, provided it is returned during the warranty period of one year, with transportation charges prepaid. The returned product must be properly packaged in its original packaging to obtain warranty service.

If the serial number and the product shipping data differ by over 30 days, the in-warranty service will be made according to the shipping date. In the serial numbers the third and fourth two digits give the year of manufacture, and the fifth digit means the month (e. g., with A for October, B for November and C for December).

For example, the serial number 1W08Axxxxxxx means October of year 2008.

Notice

1. Do not touch the LCD panel surface with sharp or hard objects.
2. Do not use abrasive cleaners, waxes or solvents for cleaning; use only a dry or damp soft cloth.
3. Use only with a high-quality, safety-approved, AC/DC power adapter.

Safety Precautions

- **Warning!**



Always completely disconnect the power cord from the chassis whenever you work with the hardware. Do not make connections while the power is on. Sensitive electronic components can be damaged by sudden power surges. Only experienced electronics personnel should open the PC chassis.

- **Caution!**



Always ground yourself to remove any static charge before touching the CPU card. Modern electronic devices are very sensitive to static electric charges. As a safety precaution, use a grounding wrist strap at all times. Place all electronic components in a static-dissipative surface or static-shielded bag when they are not in the chassis.

Packaging List

This product is shipped with the items list below. Please make sure that all are in your package.

Item	Description	Note
Default Packing Accessories		
1	Rugged Tablet PC Quick Start Guide with link to M9700 manual	
2	Recovery CD for Operation System (Windows embedded standard 7)	
4	12V Adapter w/ Standard Power Cord (Euro / U.S. Std type, 1.8m)	
5	LAN (female) Adapter cable	
Optional Accessories		
1	Docking Station	
2	HDMI (female) Adapter cable	
3	Hand Strap	
4	Capacitive Touch Stylus	
5	VESA Mounting Kit	
6	Vehicle charger	

Contents

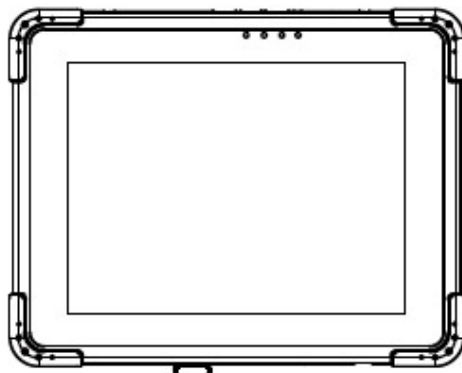
IMPORTANT SAFETY INSTRUCTIONS.....	2
PACKAGING LIST	6
CHAPTER 1 GETTING STARTED	10
1.1 CONNECTING THE AC POWER.....	10
1.2 TURNING ON AND OFF THE TABLET PC.....	11
1.2.1 TURNING ON THE TABLET PC.....	11
1.2.2 TURNING OFF THE TABLET PC.....	11
1.3 THE OPTIMIZED USE FOR SUNLIGHT READABLE TOUCH SCREEN.....	12
1.4 TAKING A LOOK AT I/O FUNCTIONS (FOR 9.7 INCH TABLET PC)	13
1.5 PRODUCT FEATURES AND SPECIFICATION	15
1.5.2 <i>Product Features</i>	15
1.5.2 <i>Product Specification</i>	17
CHAPTER 2 OPERATING TABLET PC AND HOTTAB HOTKEY UTILITY	20
2.2 STARTING AND STOPPING THE TABLET PC	20
2.2 QUICK TO KNOW MENU AND HOTTAB HOTKEY FUNCTION	21
2.2.1 <i>How to use Menu Function</i>	21
2.2.2 <i>How to use Hotkey Function</i>	24
<i>Use the HotTab software utility to make it easy to program and define hot key by customer's usual application</i>	24
2.2.3 <i>Connecting to a Wireless Network</i>	26
2.2.4 <i>Using the Bluetooth Wireless Feature</i>	28
2.2.4 <i>Using the 3G Feature (Optional)</i>	30
2.2.6 <i>Using the Camera Feature</i>	33
CHAPTER 3 TABLET PC POWER MANAGEMENT.....	35
3.1 ABOUT AC ADAPTER	35
3.2 CHARGING AND CHECKING CHARGING STATUS	36
3.2.1 <i>Charging the Battery Pack</i>	36
3.2.3 <i>Charging Approaches</i>	36
3.2.3 <i>Checking the Battery Level</i>	37
3.2.4 <i>Battery Low Signals and Actions</i>	37
3.3 POWER MANAGEMENT.....	37
FOR DETAILED INFORMATION ON POWER MANAGEMENT, SEE WINDOWS' HELP.....	38
CHAPTER 4 EXPANDING YOUR TABLET PC	40
4.1 HOW AND WHEN TO USE BIOS SETUP	40
4.2 BIOS FUNCTIONS.....	41
4.2.1 <i>Main Menu</i>	41
4.2.2 <i>Advanced Menu</i>	41
4.2.3 <i>Chipset Menu</i>	45
4.2.4 <i>Boot Menu</i>	46

4.2.5 *Security Menu*..... 46

4.2.6 *Save & Exit Menu*..... 47

CHAPTER 1

Getting Started



CHAPTER 1 GETTING STARTED

This chapter guides you to get the Rugged Tablet PC ready for operation.

1.1 Connecting the AC Power

Our tablet PC can operate either on the external AC power adapter or internal battery power. It is suggested that you use AC power when you start up the tablet PC first time.

****Caution**

Use only the AC adapter included with your tablet PC. Using other AC adapters may damage the tablet PC.

1. Plug the DC cord of the AC adapter to the power connector of the tablet PC.



2. Plug the female end of the AC power cord to the AC adapter and the male end to the power electrical outlet.
3. When the AC adapter is connected, the Battery Pack also charges. You can check the Battery Status LED indicator to see the current progress. The indicator turns green when it is fully charged.

(For information on using battery power, see "Chapter 3, Power Management")

****Caution**

When you disconnect the AC adapter, disconnect from the electrical outlet first and then from the tablet PC. A reverse procedure may damage the AC adapter or the tablet PC.

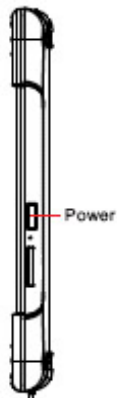
When unplugging the connector, always hold the plug head. Never pull on the cord.

1.2 Turning On and Off the Tablet PC

1.2.1 Turning on the Tablet PC

1. Place the tablet PC on a flat and stable surface or hold the tablet PC on your hand.
2. Make sure the tablet PC is either connected to AC power or the battery pack with power.

3. Press the power button on the right side for 2-3 seconds to turn it on..



1.2.2 Turning off the Tablet PC

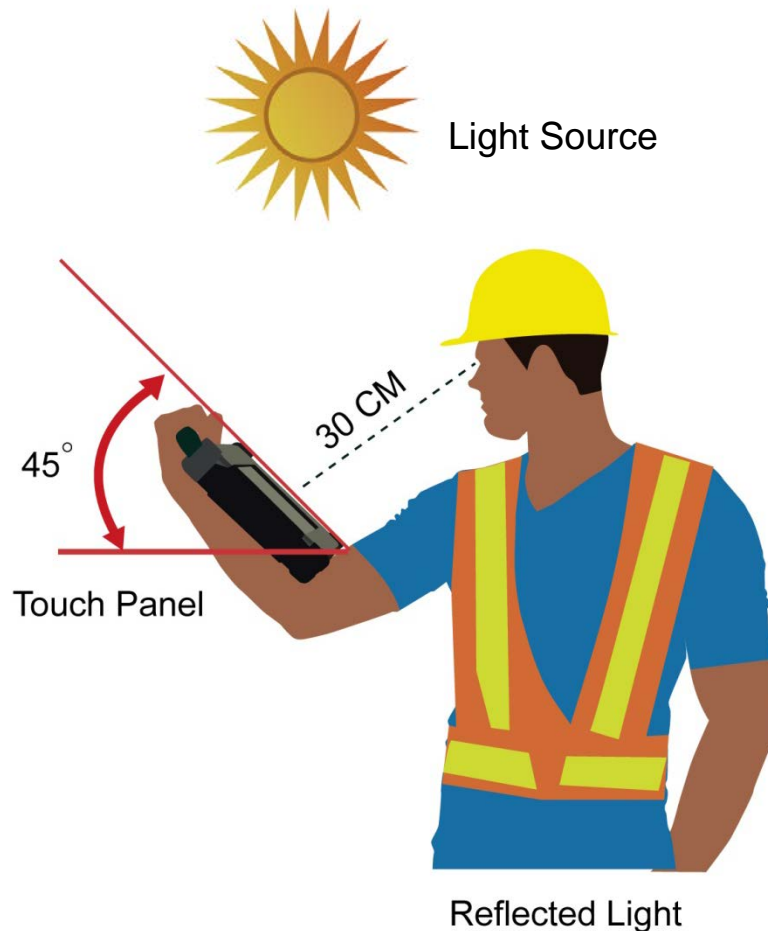
To turn off the tablet PC power, use the "Shut Down" command of your operating system.

****Caution**

If you have to turn the tablet PC on again immediately after turning it off, wait for at least five seconds. Turning the tablet PC off and on rapidly can damage it.

1.3 Optimized Use of the Sunlight-Readable Touchscreen.

With the imposed reflective function, the modified LCD can reflect the ambient light passing the LCD cell and utilize the reflected light beams as its illumination. The stronger the ambient light is, the brighter the LCD will appear. As a result, the modified LCD is viewable under most lighting conditions. The optimized angle of view is forty-five degree. And the optimized distance of view is 30cm.



****Caution**

Although the transfective LCD is made for outdoor environments, it is suggested that you keep the LCD in appropriate temperature for operation and storage, and avoid direct sunlight if possible. To ensure stable operations of the transfective LCD, 0~50°C (32-121°F) operation and storage temperature is suitable.

1.4 Taking a Look at I/O Functions for the M9700





This section we will show the Tablet PC external connection parts and their functions.

Front Side Control Functions

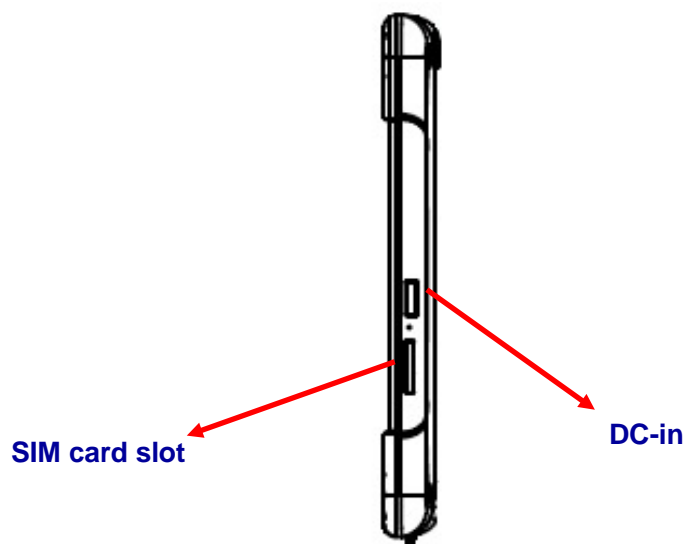


#	Components	Function Description	See Other Info
1	Power Button	Press for 2-3 seconds to turn on the PC. Press once to turn off backlight when PC is on. Press once to turn on backlight when backlight is off. Press for 8 seconds continuously to force the Tablet PC off.	
2	LED Indicator	From right to left, these indicate Power , Battery , Storage and WiFi status.	
3	Menu	Push Menu function to show Brightness, Volume, Battery status and WiFi/Bluetooth on/off.	Chapter 2.2.1
4	Hotkey (F1)	1 programmable Hot-key for user to define by application	Chapter 2.2.2

LED Indicator Status Description

	Wi-Fi Status	Storage Status	Battery Status	Power mode
LED Indicator				
Indicator Status Description	<p><u>Green light :</u> Wi-Fi is operating.</p> <p>No light when Wi-Fi is not operating.</p>	<p><u>Green light :</u> Storage under operation.</p>	<p><u>Orange Light :</u> Charging.</p> <p><u>Red Blinking Light :</u> Low Battery</p> <p>Check Chapter 3.2.3/ 2.4 for low battery and replacing battery</p>	<p><u>Green light :</u> Power is on.</p> <p>No light when power is off.</p>

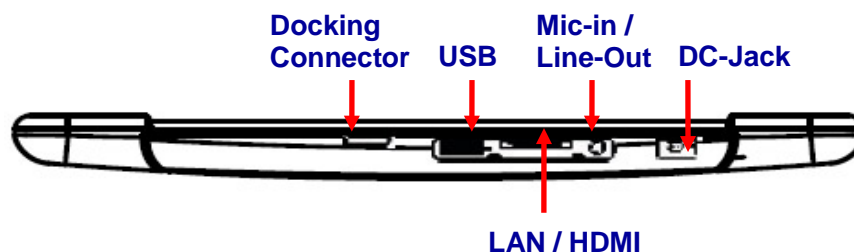
Right side Input



#	Components	Function Description
1	DC-in	Connect with power adapter to charge.
2	SIM card slot	

Bottom side Input/ Output

Bottom Side



#	Components	Function Description
1	TableStand Docking Station Connector	Connect to the optional docking station.
2	USB	Standard USB 2.0 port.
3	LAN/HDMI	LAN & HDMI Out combo connector. Connect with the optional LAN & HDMI cable.
4	Mic-in/Line-Out	Mic-in for microphone. Line-Out for the external speaker or handset.

Product Features and Specification

1.5.2 Product Features

Our rugged tablet PCs are designed for versatile functionality, with dependable mobility and battery management. The 9.7" rugged tablet provides a solution for users who need a tablet that functions between general consumer and extremely rugged applications.



M9700

- 9.7" 1024x768 Resolution IPS LED Panel
- Low-power system with Intel® Atom N2600 processor
- 2GB SODIMM DDR3-800 memory
- Built-in Wi-Fi/ Bluetooth Module
- Support 3G&GPS function (optional)
- Standard Battery 5300 mAh
- Built rugged for shock, vibration and transit drop
- 4-point capacitive touch display

1.5.2 Product Specifications

System Specifications

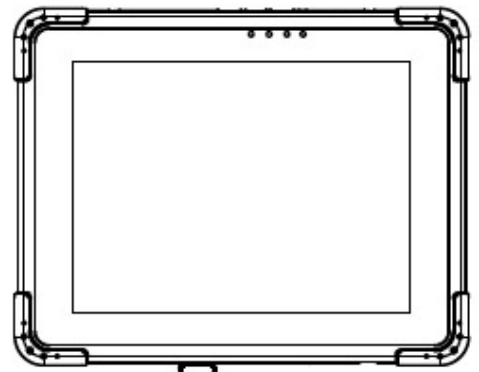
System	
Processor	Intel® Atom N2600 Dual core 1.6GHz
BIOS	AMI System BIOS
System Chipset	Intel® NM10 Chipset
System Memory	2GB SODIMM DDR3-800
LAN Controller	Realtek RTL811B GigaLAN Controller
Storage	mSATA SSD
Audio	Audio out for headset, Micro-in for microphone jack, 1.0W Speaker x2 (Internal)
I/O Connectors	
Bottom I/O Port	Stand Connector x1, Standard USB2.0 port x1, LAN & HDMI Out combo connector x1, Mic-in/Line-Out x1
Right I/O Port	SIM card slot x1, DC-in jack x1
Upper side button	Volume up x1, Volume down x1, Hotkey(F1) x1 , Menu key x1
In Front Control	
LED indicator	From left to right, shows the status for WiFi, storage, battery and power
Display Specification	
Size	9.7 inch
Resolution	1024x768 pixels
Touch	Multi-touch capacitive (4-point)

System Specifications (continued)

Mechanical and Environment	
Weight	2.18 lb. (988 g.) – w/o accessories
Operating Temperature	32 to +122 °F (0 to +50 °C)
Operating Humidity	30% to 90% (non-condensing)
IP Proof	IP54
Mounting	Optional table stand / Optional VESA Kit
Shock	Rugged mobile-shock
Vibration	Rugged mobile-vibration
Drop*	4 feet
Certifications	CE, FCC
Power Management	
Power Input	12V DC
Battery	Standard battery 5300mAh
Operating time	5 Hours
Adapter	100-240V AC in , 50-60Hz, 12VDC output
Wireless Communication	
WLAN	built-in 802.11b/g/n
Bluetooth	built-in Bluetooth
3G	Optional built-in 3G Module

CHAPTER 2

Operating The Tablet PC and HotTab Hotkey Utility



CHAPTER 2 OPERATING THE TABLET PC AND HOTTAB HOTKEY UTILITY

This chapter will guide you how to operate the Tablet PC, including starting up and shutting down the PC, using menu functions (including basic hardware function adjustments), and the HotTab hotkey utility software.

2.2 Starting Up and Shutting Down the Tablet PC

Turning On the Tablet PC

Start the tablet by pressing the power button **continuously for 2 seconds**.

The tablet will start up and automatically load the OS when you turn it on.

NOTE: The recommended and default operating system is Microsoft Windows XP embedded.

Shuting Down the Tablet PC

When you finish your work, you can shut down the tablet by turning off the power or you can leave it in standby mode:

Stop mode		How to do	Start or Resume again
1	Power Off	Follow the shutdown process recommended by the operating system. The standard process can prevent unsaved data loss or damage to your software programs.	
2	Sleep (S3)	Under normal operating system, Push the Power Button 0.5 second to enter sleep mode.	

If you choose to stop in standby mode, you can return to where you left off the next time you start up the tablet PC. (See [“Power Management” in Chapter 3 for more information.](#))



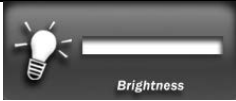




2.2 Quick to Know Menu and HotTab Hotkey Function

The function buttons are a useful and easy way to adjust brightness and volume, as well as check current battery status.


The programmable hotkey function can also be user-defined to control an application.

2.2.1 How to use Menu Functions

Menu Function Adjustments



#	Action	Function Description	Funtion Adjustment	
1	Press "Menu" button 1 st time	 Show brightness	 Click "Vol+" button to increase brightness (or drag by touch)	 Click "Vol-" to decrease brightness (or drag by touch)
2	Press "Menu" button 2 nd time	 Show volume	 Click "Vol+" button to increase volume (or drag by touch)	 Click " Vol-" to decrease volume (or drag by touch)
3	Press "Menu" button 3 rd time	 Show battery status		

Menu Function Adjustments (continued)

#	Action	Function Description	Funtion Adjustment
4	Press "Menu" button 4 th time		Show current on/off for Wireless/Bluetooth/Camera and 3G/GPS mode. 1. WiFi on/off 2. Bluetooth on/off 3. Camera on/off 4. 3G on/off (Optional) 5. GPS on/off (Optional)
5	Press "Menu" button 5 th time		View system information.
	Press "Menu" button continuously for 5 seconds	 Lock/Unlock all button function	 Press 5 seconds to lock all buttons* * (not including touch)  Press 5 seconds to unlock and resume normal button operations

****NOTICE**

If you shutdown the tablet PC using the operating system(by touch) while under the **Lock** condition, you **CANNOT** turn on the Tablet PC using the power button. You will first need to press the **Menu button for 5 seconds to Unlock** the system and resume normal button operation before turning on the system using the power button.

Action	Press Power button <u>Under Lock status</u>	Press "Menu" button 5 seconds <u>Under Unluck status</u>
LED Indicator		
Indicator	<u>Quick Blinking Red Light :</u>	<u>Quick Blinking Red Light :</u>

Status Description	On Lock Status, you can not control the Power button.	
Action	Push "Menu" button 5 seconds to Unluck back	Lock all button function

It is strongly recommended that you check Lock/Unlock condition before turning off the tablet.

2.2.2 Using the Hotkey Function

Hotkey Function

Use the HotTab software utility to make it easy to program and define hot keys.

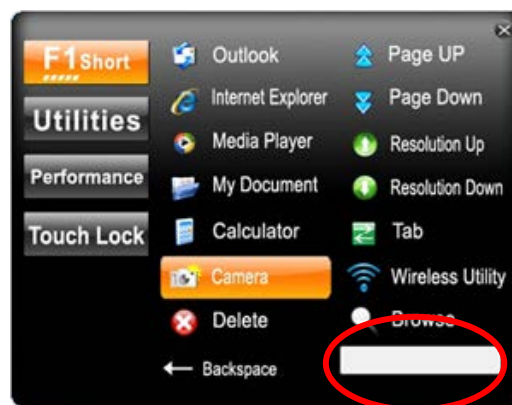
Long press (3-4 seconds) the F1 button on the top of your M9700 and the software application will appear at center of the desktop. The Hotkey software program is the programmable application software for defining the Hotkey.



Choose one software application as your hotkey function. After that, the software application you set will open immediately when you short press the F1 button.

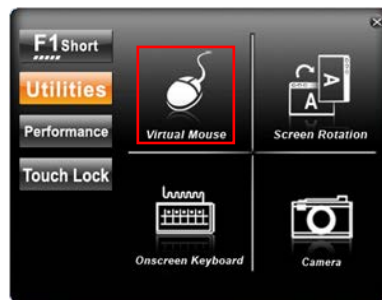
1. F1 Short function key

You can set F1 button as a hotkey to open the programs listed on menu or use "Browse" and choose the execution program file.

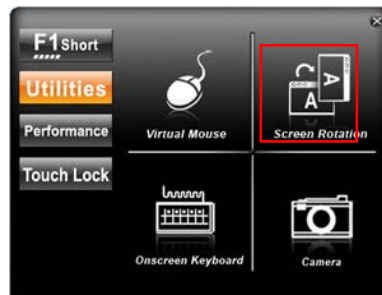


2. Utilities Function

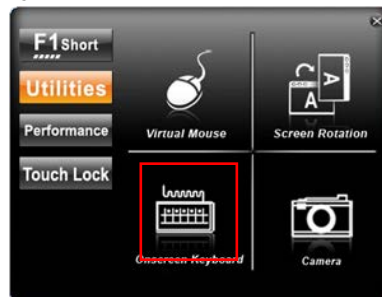
A. Virtual mouse



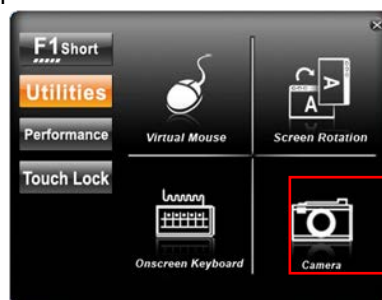
B. Screen rotation



C. Onscreen Keyboard



D. Camera Function



3. Power management function



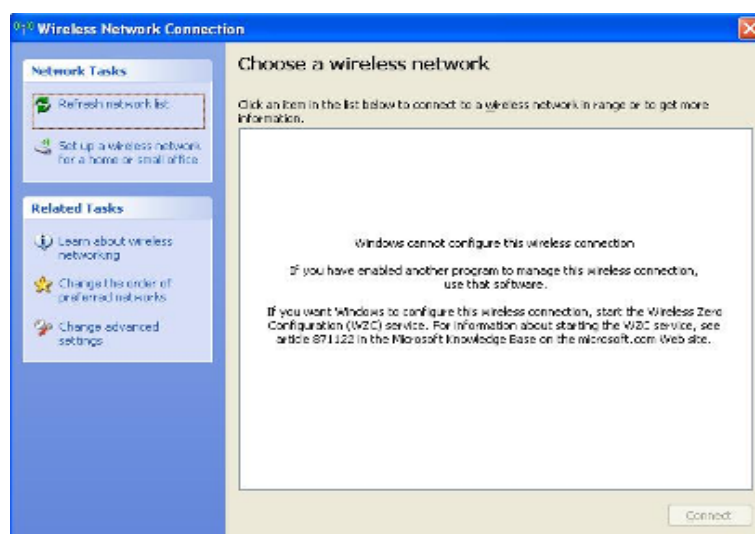
2.2.3 Connecting to a Wireless Network

To connect to a wireless network:

1. Push "Menu" button 4 times and making sure the Wireless function is "On."



2. Using the default Windows **Wireless Network Connection** utility.



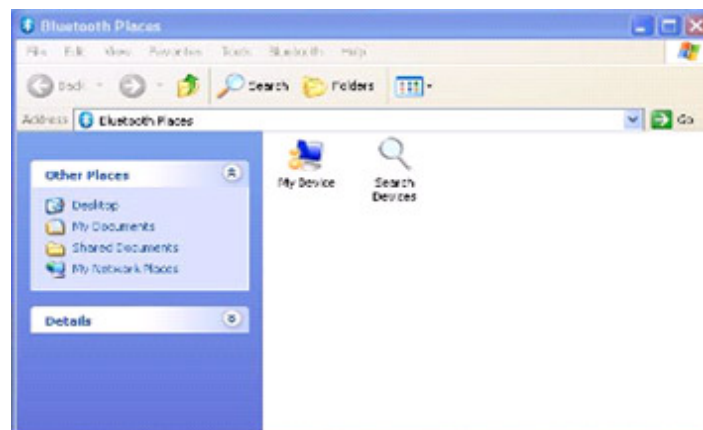
2.2.4 Using the Bluetooth Wireless Feature

The M9700 includes a Bluetooth 2.1+ EDR module. Depending on your application, the Bluetooth module can provide the capability for short-range wireless communication between devices, without a cable connection. The transmission can go through walls, pockets and briefcases as long as the two devices are within a range of about 10 meters. Follow the easy steps to connect to the Bluetooth communication.

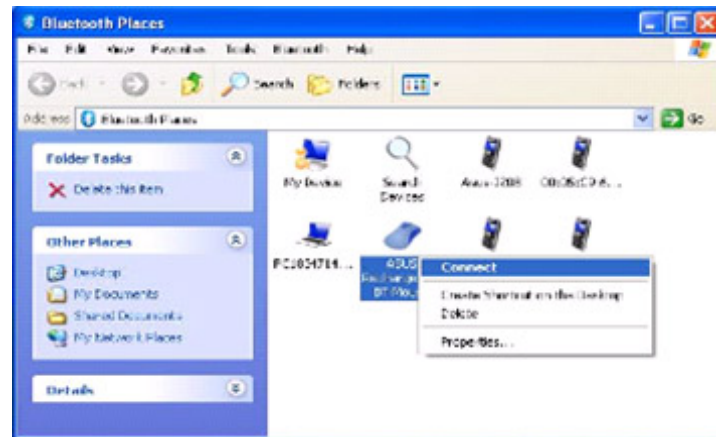
1. Push "Menu" button 4 times and make sure the Bluetooth function is "On."



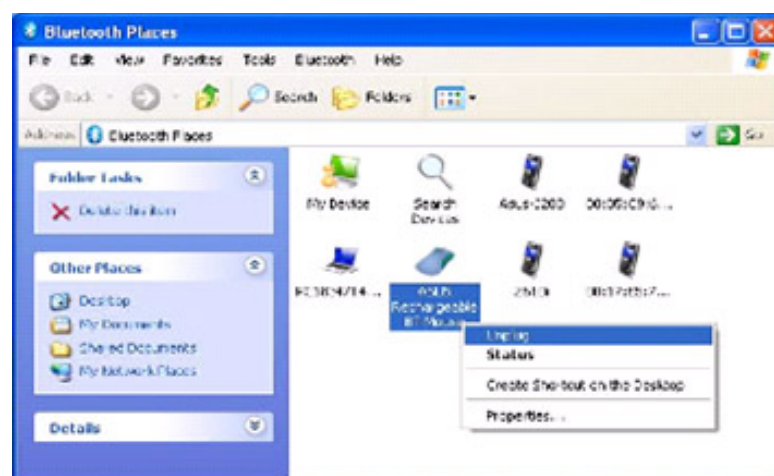
2. Double click the Bluetooth shortcut and it will search any Bluetooth device automatically. Or double click "**Search Devices**" to search.



3. Choose the bluetooth device to which you want to connect. Left click and choose **"Connect."** The device will connect to the module.



4. To disconnect, left click on the device to check the connection status and choose **"Unplug"** to remove the connection.



2.2.4 Using the (Optional) 3G Feature

An optional PCI Express® full-size 3G module is available for the M9700.

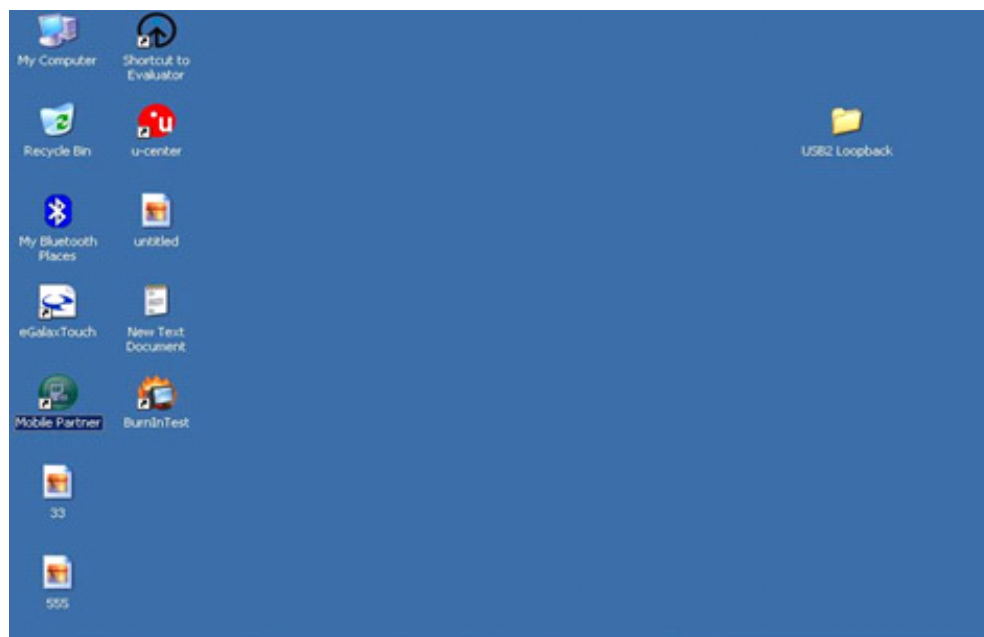
Depending on your application, the 3G module datacard and host PC software combination can deliver multiband CDMA2000®

1xEV-DO, UMTS, and GSM wireless wide area network (WWAN) connectivity in a single hardware configuration.

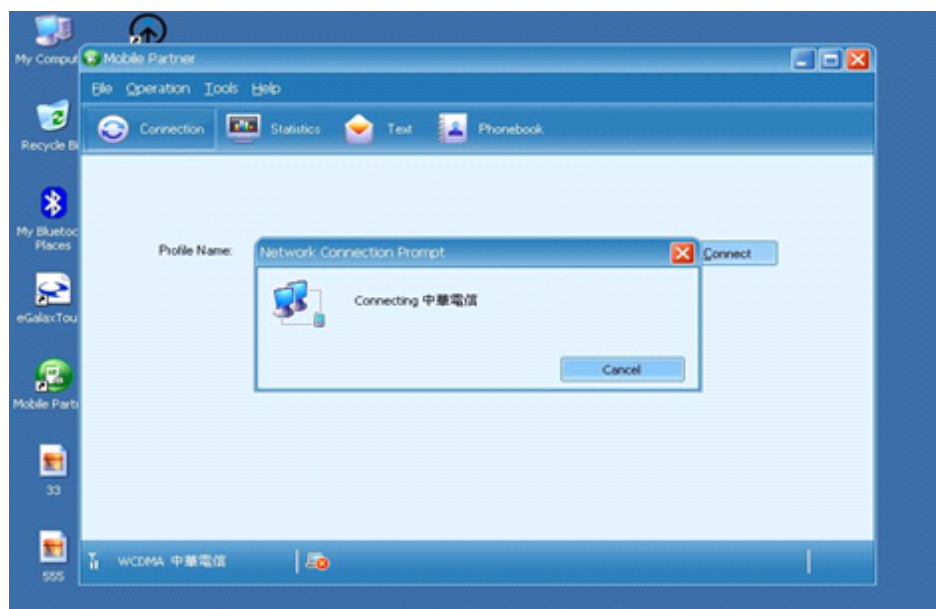
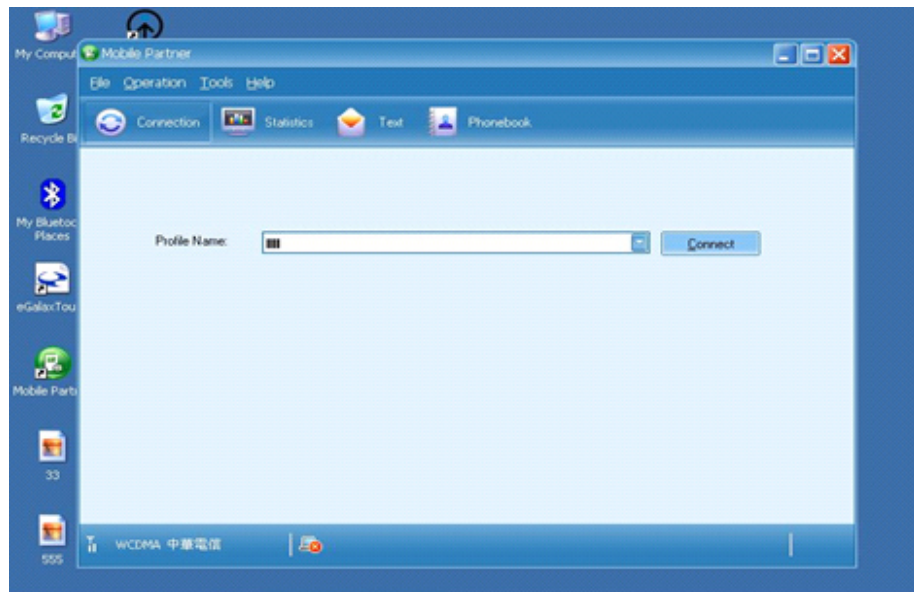
1. Push "Menu" button 4 times and making sure the 3G Module is "On."



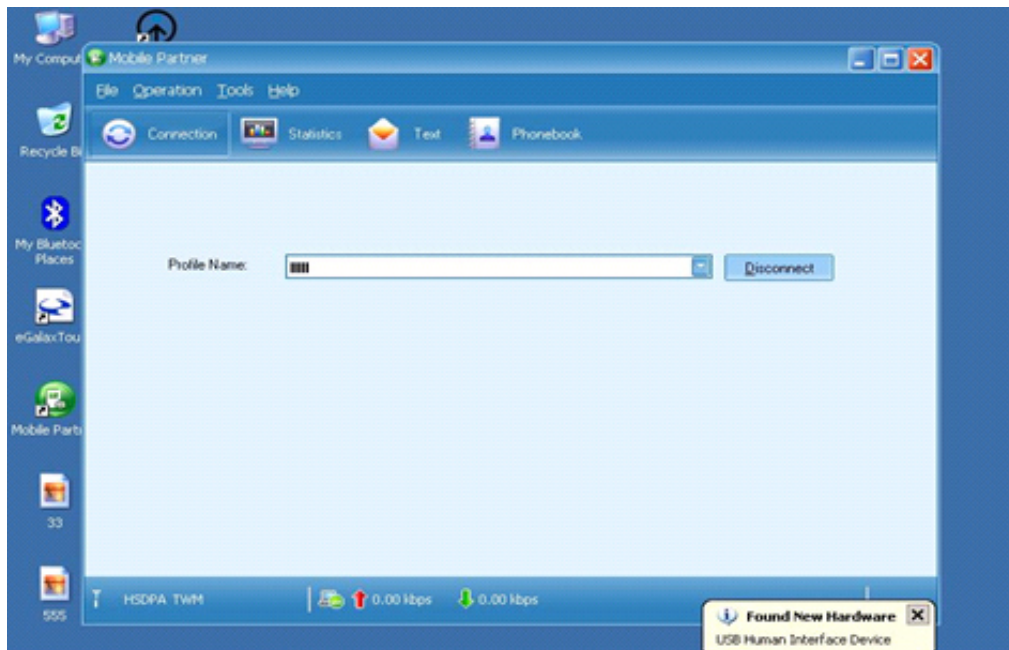
2. The shortcut of 3G application program appears on the screen and then executes the Mobile Partner Internet connection management application.



3. Confirm whether to detect the telecommunications system operators, then press the "Connect" to connect to 3G networks.



4. After initialization is completed, it will automatically connect to 3G networks.



Note: No additional driver installation is required for the 3G module.

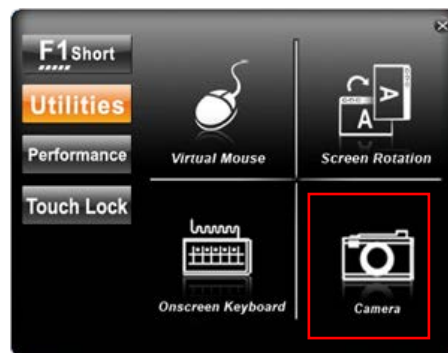
2.2.6 Using the Camera Feature


An internal 2MP web camera module is included in the M9700.

1. Push the "Menu" button 4 times and make sure the Camera function is "on."



2. Press "F1" button for approximately 5 seconds to open the HotTab utilities menu. Then choose the camera function.

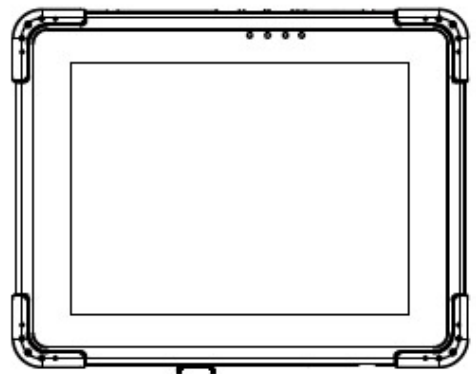


3. Click the  icon to take a picture.

* Picture & video save path: C:\Webcam

CHAPTER 3

Tablet PC Power Management



CHAPTER 3 TABLET PC POWER MANAGEMENT

3.1 About AC Adapter

The M9700 is equipped with an AC adapter and power cord. These vary by country area. Please contact with your dealer for appropriate power cord if necessary.



****Caution**

- 1. When you disconnect the AC adapter, disconnect from the electrical outlet first and then from the tablet. A reverse procedure may damage the AC adapter or tablet PC.**
- 2. Always hold the plug head when you unplug the connector, never pull from the cord.**
- 3. The AC adapter is designed for use with the M9700 only. Connecting the AC adapter to another device may damage the adapter and device.**

The adapter operates on any voltage in the range of 100 - 240 V AC. The AC adapter serves as a converter from AC (Alternating Current) to DC (Direct Current) power because the M9700 runs on DC power input and an electrical outlet usually provides AC power.

3.2 Charging and Checking Charging Status

3.2.1 Charging the Battery Pack

The battery pack is the internal power source for the M9700. It is rechargeable using the AC adapter. The operating time of a fully charged battery pack depends on how you are using the tablet PC. When your applications often access peripherals, you will experience a shorter operating time.

NOTE:

- 1. Charging will not start if the battery's temperature is below 0 °C (32 °F). It is also recommended not to charge the battery when temperature is above 45 °C (113 °F).**
- 2. To prevent damage, the charging process may stop and the Battery Charge Indicator flashes red when the environmental temperature gets above 55 °C (131°F).**

3.2.3 Charging

When the M9700 is connected to an electrical outlet by an AC adapter, the Battery Charge Indicator on the tablet PC will glow orange to indicate that charging is in progress. You are advised to keep the tablet PC power off while the battery is being charged. When the battery is fully charged, the Battery Charge Indicator glows green.

CAUTION:

- 1. After the tablet PC has been fully recharged, do not immediately disconnect and reconnect the AC adapter to charge it again. This may damage the battery.**
- 2. Do not disconnect the AC adapter before the battery has been fully charged; otherwise you will get a prematurely charged battery.**

3.2.3 Checking the Battery Level

Battery levels indicated on the tablet are estimated. The actual operating time can be different from the estimated time, depending on how the tablet is being used.

In the Windows operating system, you can check the approximate battery level using the battery meter function. To read the battery level in Windows, click the icon on the taskbar. (Click the icon if the tablet PC is using AC power.)

3.2.4 Low Battery Signals and Actions

Low battery occurs when the battery has approximately 10% (Windows default setting) of its charge remaining. The tablet PC's Battery Charge Indicator (🔋) **blinks red and the system will indicate that the battery is low to alert you to take action.**



NOTICE:

You can set up the Battery Low threshold and signals under Windows settings. Immediately save your data upon Battery Low. The remaining operating time depends on how the tablet is being used. The audio subsystem, hard drive or USB flash drive, for example, may use the battery charge quickly.

CAUTION:

1. If you do not take any action, the tablet PC will automatically hibernate and turn off.
2. If you fail to save your data when the battery completely runs out of charge, data will be lost.

3.3 Power Management

The M9700 supports ACPI (Advanced Configuration and Power Interface) for

power management. The power management feature allows you to reduce the power consumption for energy savings. With an ACPI-compliant operating system such as Windows XP, power supply to different components is controlled on an as-needed basis. This allows for both maximum power conservation and performance at the same time. In general, Windows power management works as follows:

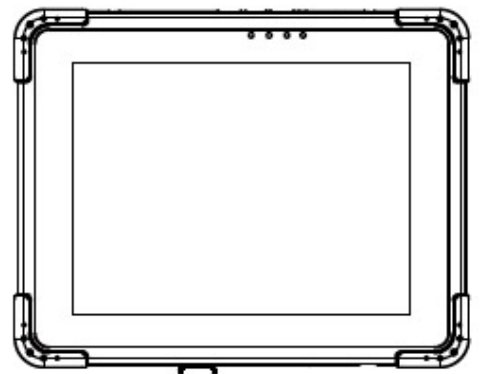
Occurrence	Condition
Power to the hard disk is turned off	When the hard disk has been idle for a set period.
Power to the display is turned off	When the display has been idle for a set period. When the entire system has been idle for a set period.
The tablet PC enters standby mode. The hard disk and display are turned off, and the entire system consumes less power.	When the display has been idle for a set period. When the power button is pressed. *
The tablet PC enters hibernation mode.	When the entire system has been idle for a set period. When the power button is pressed. *

* Depending on Windows settings.

For detailed information on power management, see Windows Help.

CHAPTER 4

Expanding Your Tablet PC



CHAPTER 4 EXPANDING YOUR TABLET PC

4.1 How and When to Use BIOS Setup

To enter the BIOS setup, connect with an external USB keyboard and press the “**Delete**” key when the prompt appears on the screen during start up. The prompt screen only shows for few seconds, so the Delete key will need to be pressed quickly.



****NOTICE**

An updated BIOS version may be published after the manual is released. Check for the latest version of BIOS on website.

There are several circumstances in which you may need to run the BIOS setup utility, including:

1. An error message on screen indicates a need to check BIOS setup.
2. Restoring the factory default settings.
3. Modifying specific hardware specifications.
4. Optimizing specifications.

In order to control the keyboard to select BIOS utility setup, you need:

Keyboard Icon	Function Description
	Selects a menu title.
	Selects an item or option.
Enter	Go to the sub-menu when available. Open or close the option window when an item is selected.
Esc	Leave sub-menu and return to main menu.

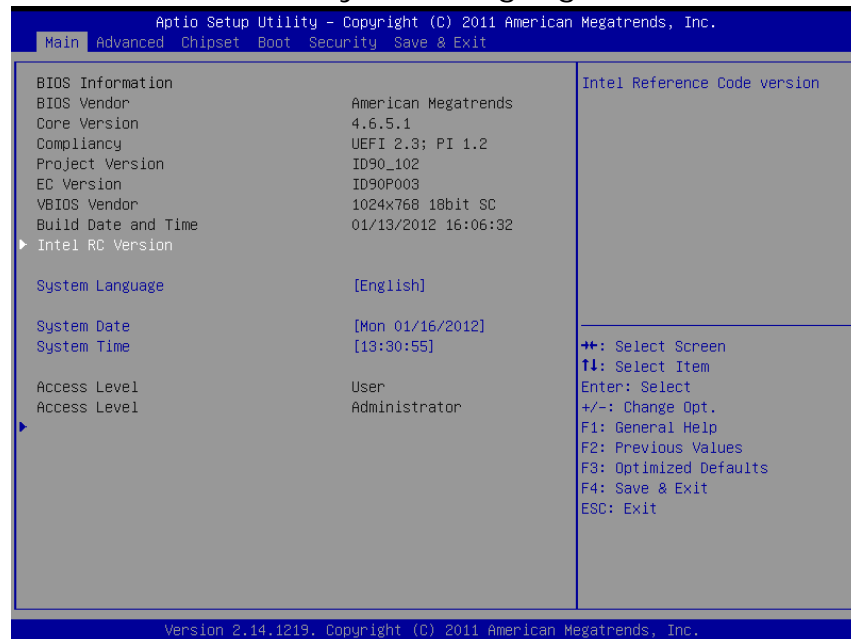
****NOTICE**

You can press the F1, F2, F3, F4, –/+, and Esc keys by connecting a USB keyboard to your tablet PC. Make sure that the item “**Legacy USB Support**” under the Main menu is set at Enabled (default).

4.2 BIOS Functions

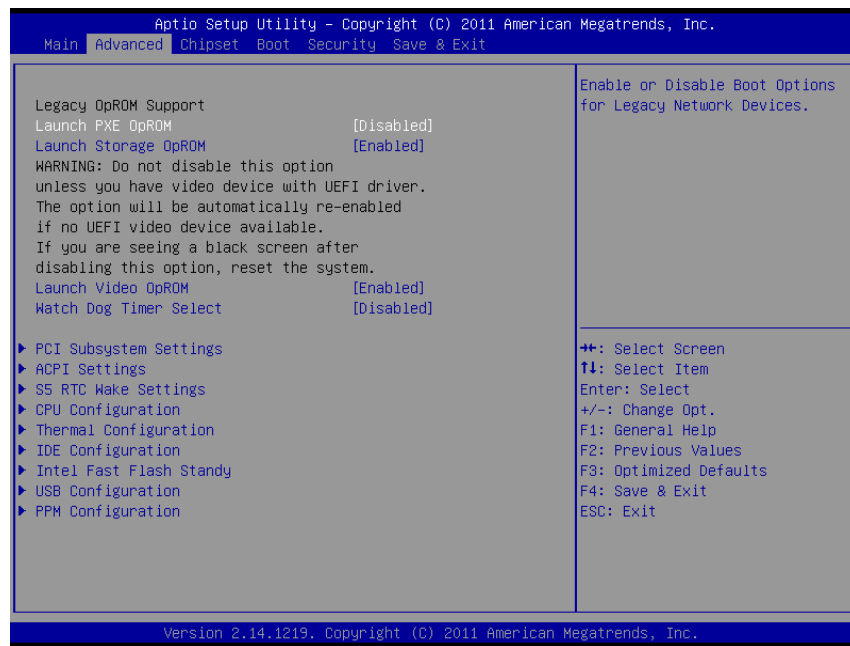
4.2.1 Main Menu

The Main menu contains information about the Tablet system including BIOS version, processor RC version, system language, time, and date.

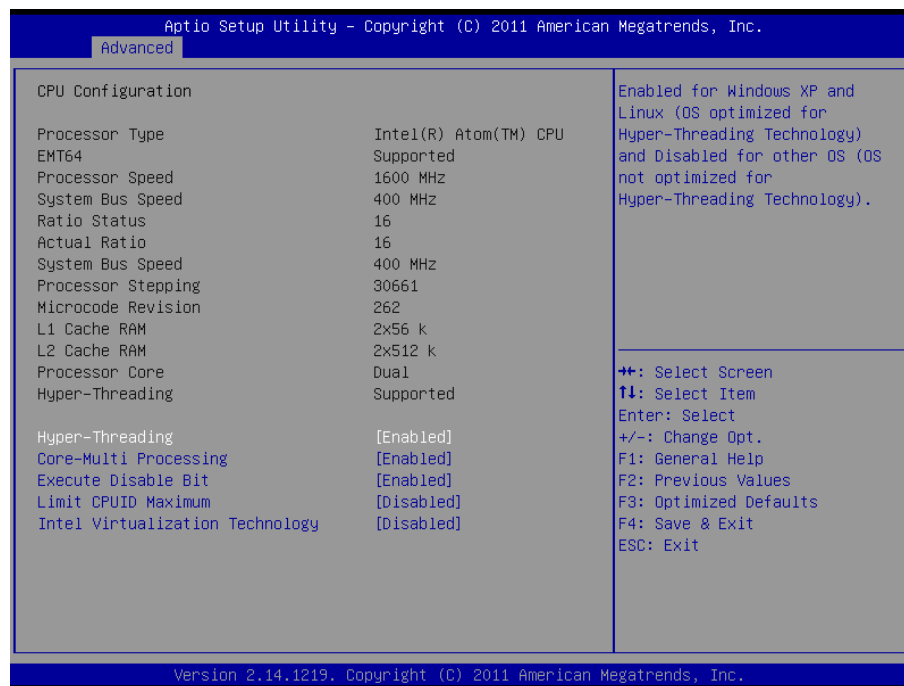


4.2.2 Advanced Menu

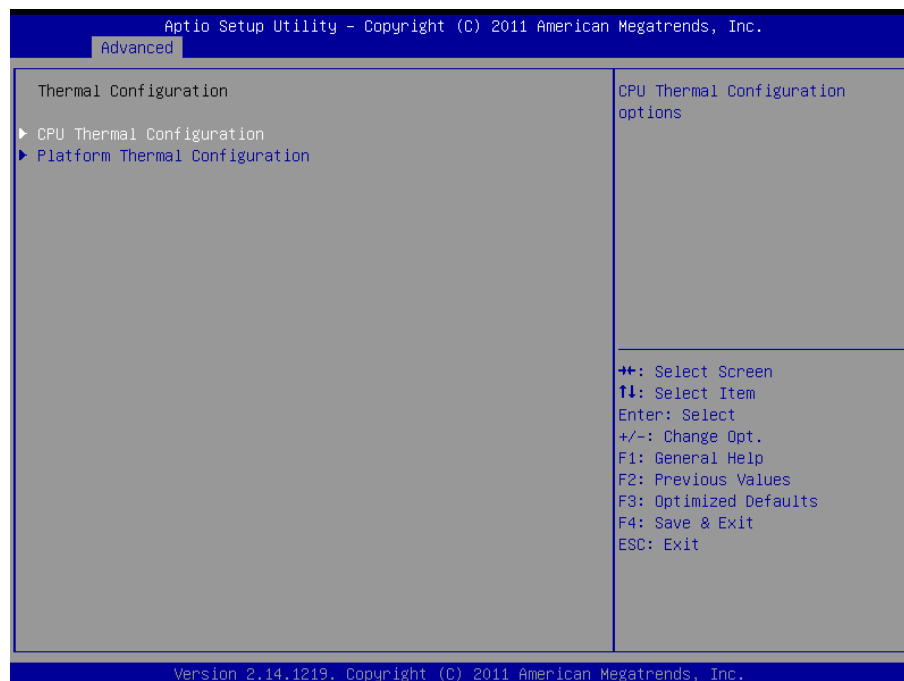
The Advanced menu contains the selections of PXE OpROM and Watch Dog Timer, and the settings of PCI Subsystem, ACPI, and S5 RTC Wake. It also contains the configuration information for the CPU, Thermal, IDE/SATA, USB, and PPM Configuration.



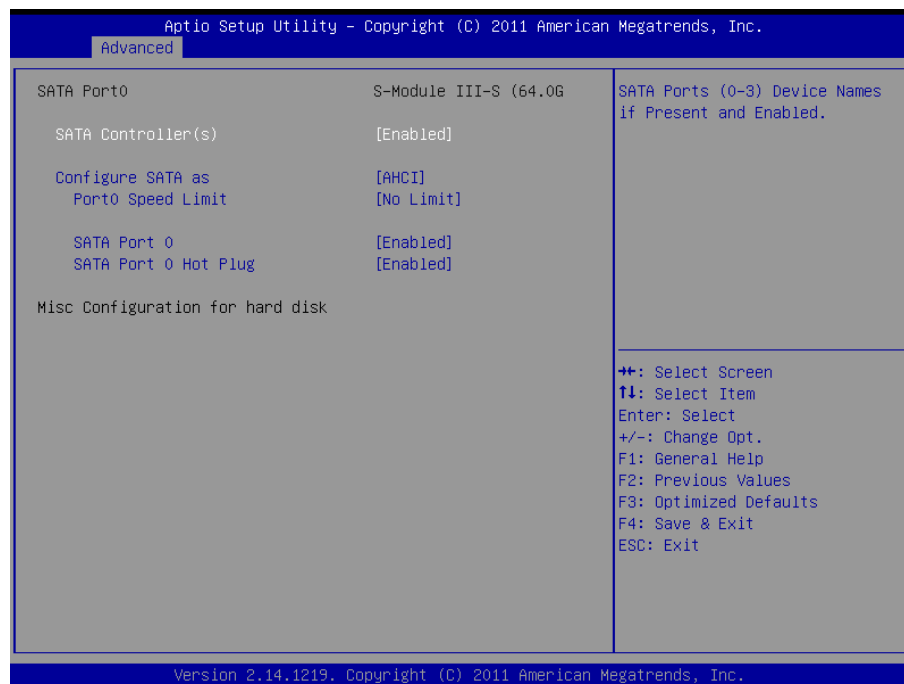
1. CPU Configuration



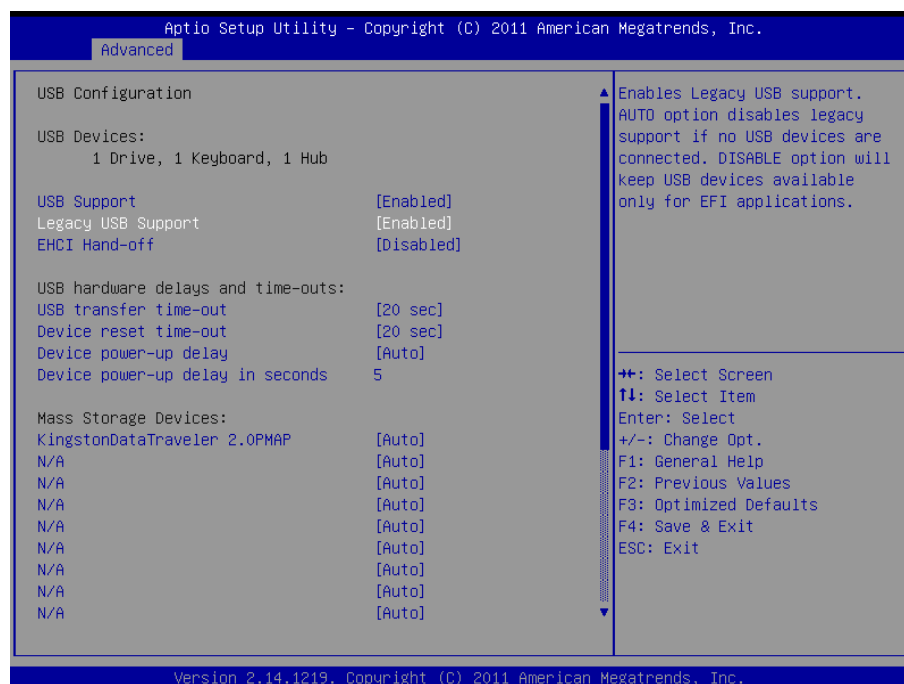
2. Thermal Configuration



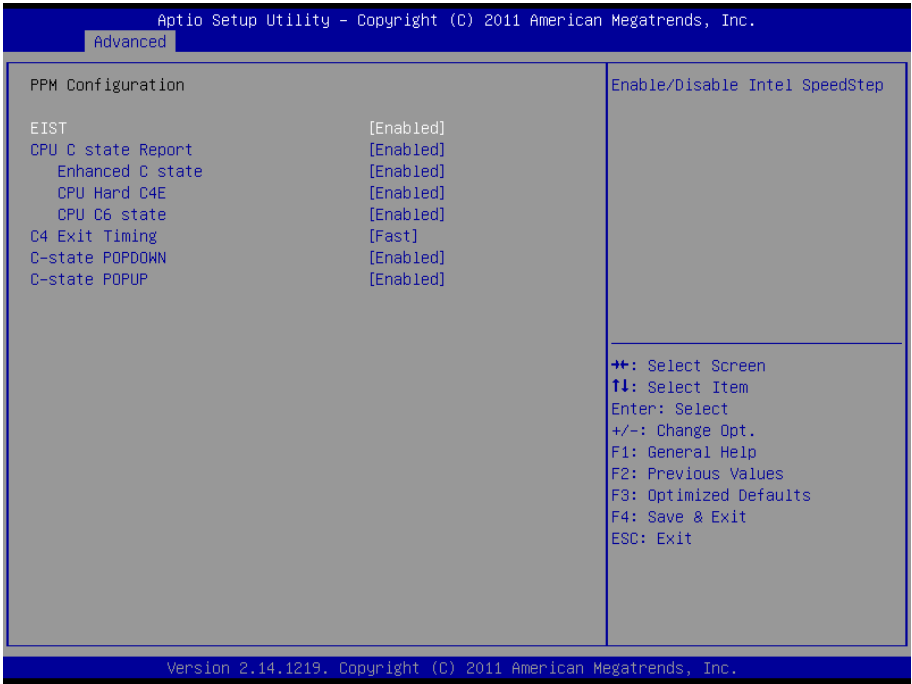
3. IDE / SATA Configuration



4. USB Configuration

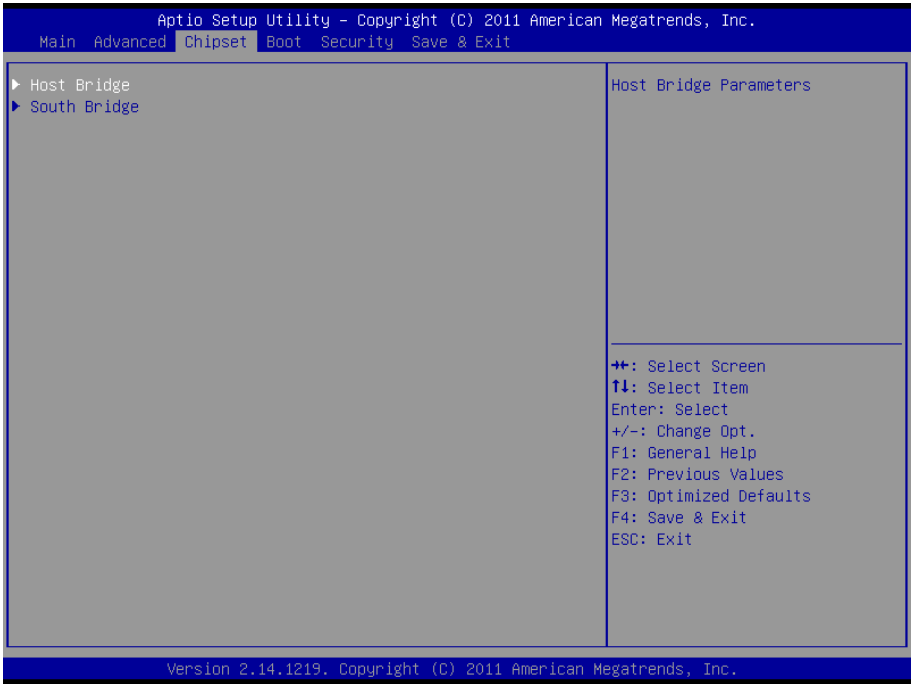


5. PPM Configuration



4.2.3 Chipset Menu

The Chipset menu contains information about the Host Bridge and South Bridge.



4.2.4 Boot Menu

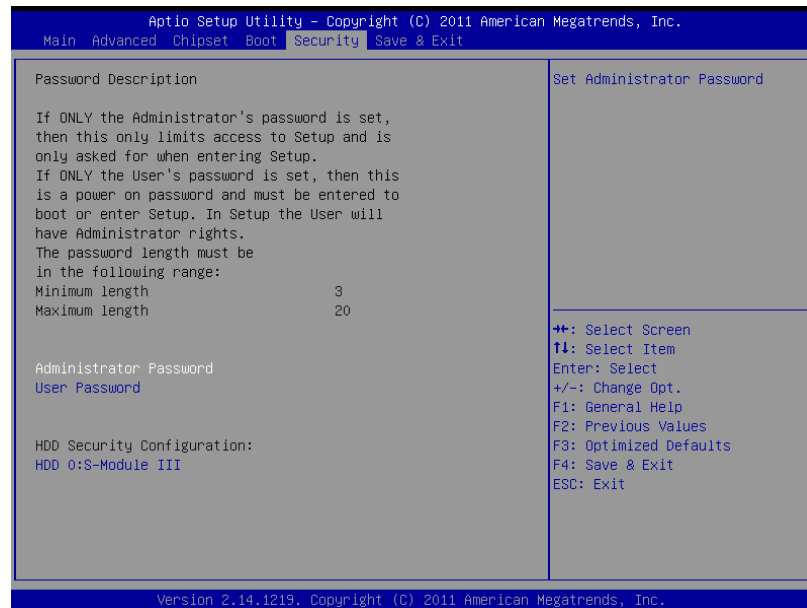
The boot menu sets the sequence of the devices to be searched by the operating system.

The bootable devices will be automatically detected during POST and shown here, allowing you to set the sequence that the BIOS uses to look for a boot device from which to load the operating system. A brief description of button usage is listed:



4.2.5 Security Menu

In the Security menu, users can set an Administrator Password, User Password, and HDD Security Configuration.



4.2.6 Save & Exit Menu

After finishing with your settings, you must save and exit so that the changes can take effect. Your choices in the exit menu are:

Save Changes and Exit saves the changes you have made and exit the BIOS Setup utility.

Discard Changes and Exit exits the BIOS Setup utility without saving the changes you have made.

Save Canges and Reset saves the changes you have made and resets the BIOS system.

Discard Changes and Reset resets BIOS system without saving the changes you have made.

Save Changes saves changes done so far to any of the setup options.

Discard Changes discards changes done so far to any of the setup options.

Restore Defaults loads/restores the factory default values for all items.

Save as User Defaults saves the changes done so far as User Defaults.

Restore User Defaults loads/restores the User default values for all items.

